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Recommended Guide For The Prediction Of The Dispersion Of Airborne Effluents - Third Edition
Finite Element Methods For Convection Dominated Flows - AMD Vol. 34
Mechanics Applied To The Transport Of Bulk Materials - AMD Vol. 31
Mechanics Of Biomodulus Materials - AMD Vol. 33
1979 Biomechanics Symposium - AMD Vol. 32
Nonlinear And Dynamic Fracture Mechanics - AMD Vol. 35
Survival of Mechanical Systems In Transient Environments - AMD Vol. 36
1979 Advances In Bioengineering
Advances In Reliability And Stress Analysis
Theory Of Machines And Mechanisms
Cavitation And Polyphase Flow Forum - 1979
Flow In Primary, Non-Rotating Passages In Turbomachines
International Symposium On Cavitation Inception
Pump Turbine Schemes: Planning, Design, and Operation
Turbulent Boundary Layers
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Advances In Enhanced Heat Transfer
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Nonequilibrium Interfacial Transport Processes
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Applications Of Materials For Pressure Vessels And Piping - MPC-10
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Railway Mechanical Engineering - A Century of Progress - Car and Locomotive Design
Companies Holding Boiler And Pressure Vessel Certificates Of Authorization For Use Of Code Symbol Stamps 1979 Edition (With Winter 1979 Supplement)

HOW TO FIND PAPERS PRESENTED AT 1979 ASME MEETINGS

The technical programs of the meetings of the Society and of its Professional Division have been published in MECHANICAL ENGINEERING and may be located by consulting the index on page SR- . Many of these papers will be published in MECHANICAL ENGINEERING or the *Transactions* and may be located by reference to the indexes of these publications. A free, up-to-date edition of the ASME Technical Papers Catalog is available on request. Xerox copies of out-of-print technical papers may be purchased from the Engineering Societies Library, 345 E. 47 St., New York, NY 10017. Phone (212) 644-7611.

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In order to expedite European orders for the ASME Boiler and Pressure Vessel Code and related titles, special arrangements have been made with the British Standards Institution, (T.H.E.) Maylands Avenue, Hemel Hempstead, Herts HP2 4SQ, England, to stock and sell these titles.

For the convenience of our customers on the West Coast, special arrangements have been made with Global Engineering Documentation Services, Inc., 3301 W. MacArthur Blvd., Santa Ana, CA 92704, to stock and sell Codes and Standards.

Complete sets of all Codes and Standards are available for sale on microfilm from Information Handling Services, 15 Inverness Way East, Englewood, CO 80150.

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AMERICAN NATIONAL STANDARDS

Elevators, Plumbing and General Standards

A13.1-1975 Scheme for the Identification of Piping Systems, Book No. L0003, L-$3.00, M-$2.40
A17 Guide Evacuation of Passengers from Stalled Elevator Cars (Not an ANSI Standard), Book No. A00070, L-$2.25, M-$1.80
A.17.1-1978 Safety Code for Elevators, Dumbwaiters, Escalators, and Moving Walks (with Supplements up to the 1981 Edition) 1978 360 pp., Book No. A0096B (Bound) L-$30.00, M-$24.00; Book No. A0096L (Loose-Leaf) L-$20.00, M-$24.00; Book No. A00097 (Binder) L-$5.00, M-$4.00
ANSI A17.2-1979 Inspectors' Manual-American National Standard Practice for the Inspection of Elevators, Escalators and Moving Walks (with Supplements up to the 1982 Edition), Book No. A00049 197 pp. L-$17.00, M-$13.60; Available from A17.2-1979 in pad form Checklist for Initial Inspection and Test of Electric Elevators, Book No. A049C6, $12.00 (No Member Discount), Checklist for Initial Inspection and Test of Hydraulic Elevators, Book No. A049C7, $12.00 (No Member Discount), Checklist for Initial Inspection and Test of Escalators, Book No. A049C8, $6.00 (No Member Discount), Checklist for Initial Inspection and Test of Moving Walks, Book No. A049C9, $6.00 (No Member Discount)
A40.5-1943 Threaded Cast Iron Pipe for Drainage, Vent and Waste Services, Book No. M00022, L-$2.25, M-$1.80
A40.8-1955 National Plumbing Code (Withdrawn by ANSI), Book No. L00010, L-$6.75, M-$5.40
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A112.19.5-1979 Trim for Water-Closet Bowls, Tanks, and Urinals, Book No. J00058, L-$4.50, M-$3.60
A112.21.1-1968 (R1974) Floor Drains, Book No. J00040, L-$3.50, M-$2.80
A112.21.2-1971 Roof Drains, Book No. J00002, L-$2.75, M-$2.20
A112.21.3-1976 Hydrants for Utility and Maintenance Use, Book No. J00051, L-$4.00, M-$3.20
A112.26.1-1969 (R1975) Water Hammer Arresters, Book No. K00020, L-$4.00, M-$3.20
A112.36.2-1975 Metallic Cleanouts, Book No. J00045, L-$3.00, M-$2.40

Threads & Limits and Fits

B1.1-1974 Unified Inch Screw Threads (UN and UNR Thread Form), Book No. M00028, L-$15.00, M-$12.00
B1.2-1974 Gages and Gaging for Unified Inch Screw Threads, Book No. N00058, L-$11.00, M-$8.80
B1.3-1979 Screw Thread Gaging Systems for Dimensional Acceptability, Book No. N0091, L-$4.00, M-$3.20
B1.5-1977 Acme Screw Threads, Book No. N00027, L-$10.00, M-$8.00
B1.7-1977 Nomenclature Definitions and Letter Symbols for Screw Threads Book No. L00011, L-$4.50, M-$3.60
B1.8-1977 Stub Acme Screw Threads, Book No. N00028, L-$7.50, M-$6.00

B1.9-1973 (R1979) Buttress Inch Screw Threads 7°/45° Form With 0.6 Pitch Basic Height of Thread Engagement, Book No. N00029, L-$5.00, M-$4.00.
B1.10-1958 Unified Miniature Screw Threads, Book No. N00025, L-$3.00, M-$2.40
B1.11-1958 (R1978) Microscope Objective Thread, Book No. N00020, L-$2.25, M-$1.80
B1.12-1972 Class 5 Interference–Fit Thread, Book No. N00032, L-$2.75, M-$2.20
B1.13M-1979 Metric Screw Threads–M Profile, Book No. N00046, L-$10.00, M-$8.00
B1.16-1972 American Gaging Practice for Metric Screw Threads, Book No. N00026, L-$5.00, M-$4.00
B1.20.3-1976 Dryseal Pipe Threads (Inch), Book No. N00076, L-$6.00, M-$4.80
B1.20.4-1976 Dryseal Pipe Threads (Metric Translation of ANSI B1.20.3-1976), Book No. N00077, L-$6.00, M-$4.80
B1.21M-1978 Metric Screw Threads–MJ Profile, Book No. N00090 L-$8.50, M-$6.80
B1.22-1978 Gages and Gaging Practice for "MJ" Series Metric Screw Threads, Book No. N00086, L-$10.00, M-$8.00
B2.1-1968 Pipe Threads (Except Dryseal), Book No. L00018, L-$5.50, M-$4.40
B2.2-1968 Dryseal Pipe Threads, Book No. M00036, L-$5.50, M-$4.40
B2.4-1966 (R1974) Hose Coupling Screw Threads, Book No. K00014, L-$3.25, M-$2.60
B4.1-1967 (R1974) Preferred Limits and Fits for Cylindrical Parts, Book No. L00022, L-$4.00, M-$3.20
B4.2-1978 Preferred Metric Limits and Fits, Book No. L00054, L-$15.00, M-$12.00
B4.3-1978 General Tolerances For Metric Dimensioned Products, Book No. L00055, L-$3.00, M-$2.40

Machine Tools

B5.1-1975 T-Slots, Their Bolts, Nuts and Tongues, Book No. M00024, L-$3.00, M-$2.40
B5.5-1959 (R1979) Rotating Air Cylinders and Adapters, Book No. L00031, L-$2.25, M-$1.80
B5.8-1972 Chucks and Chuck Jaws, Book No. J00024, L-$4.50, M-$3.60
B5.9-1967 (R1972) Spindle Noses for Tool Room Lathes, Engine Lathes, Turrent Lathes and Automatic Lathes, Book No. M00010, L-$4.00, M-$3.20
B5.10-1963 (R1972) Machine Tapers, Book No. L00004, L-$4.00, M-$3.20
B5.11-1964 (R1973) Spindle Noses and Adjustable Adapters for Multiple Spindle Drilling Heads, Book No. M00008, L-$2.25, M-$1.80
B5.16-1952 (R1979) Accuracy of Engine and Tool Room Lathes, Book No. J00004, L-$2.25, M-$1.80
B5.18-1972 Spindle Noses and Tool Shanks for Milling Machines, Book No. M00009, L-$3.50, M-$2.80
B5.25-1978 Punch and Die Sets, Book No. L00027, L-$4.50, M-$3.60
B5.28-1971 Mounting Dimensions of Lubricating and Coolant Pumps for Machine Tools, Book No. L00009, L-$2.75, M-$2.20
B5.32-1977 Grinding Machines, Surface, Reciprocating Table–Horizontal Spindle, Book No. J00028, L-$4.00, M-$3.20
B5.32.1-1977 Grinding Machines, Surface, Reciprocating Table–Vertical Spindle, Book No. J00053, L-$3.00, M-$2.40
B5.33-1970 External Cylindrical Grinding Machines–Plain, Book No. M00038, L-$2.75, M-$2.20
B5.35-1969 (R1975) Machine Mounting Specifications for Abrasive Discs and Plate Mounted Wheels, Book No. M00035, L-$3.50, M-$2.80
B5.37-1970 External Cylindrical Grinding Machines–Centerless, Book No. M00039, L-$2.25, M-$1.80
B5.40-1977 Spindle Noses and Tool Shanks for Horizontal Boring Machines, Book No. M00048, L-$6.00, M-$4.80
B5.42-1970 External Cylindrical Grinding Machines–Universal, Book No. M00040, L-$2.50, M-$2.00
B5.43-1977 Modular Machine Tool Standards, Book No. M00021, L-$4.00, M-$3.20
B5.44-1971 Rotary Table Surface Grinding Machines, Book No. M00061, L-$3.50, M-$2.80
B5.45-1972 Milling Machines, Book No. M00067, L-$2.75, M-$2.20
B5.46-1972 (R1979) Symbols for Machine Tool Indicator Plates, Book No. M00065, L-$4.50, M-$3.60
B5.47-1972 Milling Machine Arbor Assemblies, Book No. M00074, L-$3.50, M-$2.80
B5.48-1977 Ball Screws, Book No. M00089, L-$4.50, M-$3.60
B5.49-1977 Glossary of Mechanical Press Terms, Book No. M00090, L-$3.50, M-$2.80
B5.50-1978 'v' Flange Tool Shanks for Machining Centers With Automatic Tool Changers, Book No. M00097, L-$3.00, M-$2.40
B5.51M-1979 Preferred SI Units For Machine Tools, Book No. M00099, L-$3.00, M-$2.40
B15.1-1972 Safety Standard For Mechanical Power Transmission Apparatus, Book No. B00009, L-$4.00, M-$3.20

Pipe Flanges, Fittings, Gaskets & Valves

B16.1-1975 Cast Iron Pipe Flanges and Flanged Fittings–Class 25, 125, 250 and 800, Book No. J00017, L-$6.00, M-$4.80
B16.3-1977 Malleable-Iron Threaded Fittings, Class 150 and 300, Book No. L00005, L-$6.00, M-$4.80
B16.4-1977 Cast-Iron Threaded Fittings, Class 125 and 250, Book No. J00022, L-$5.00, M-$4.00
B16.5-1977 Steel Pipe Flanges and Flanged Fittings (Including Ratings for Class 150, 300, 400, 600, 900, 1500, and 25,000), Book No. M00015, L-$15.00, M-$12.00
B16.9-1978 Factory-Made Wrought Steel Buttwelding Fittings, Book No. M00014, L-$7.50, M-$6.00
B16.10-1973 Face-to-Face and End-to-End Dimensions of Ferrous Valves, Book No. J00031, L-$4.00, M-$3.20
B16.11-1973 Forged Steel Fittings, Socket-Welding and Threaded, Book No. M00016, L-$3.00, M-$2.40
B16.12-1977 Cast-Iron Threaded Drainage Fittings, Book No. J00021, L-$4.50, M-$3.60
B16.14-1977 Ferrous Pipe Plugs, Bushings and Locknuts with Pipe Threads, Book No. J00032, L-$4.50, M-$3.60
B16.15-1978 Cast Bronze Threaded Fittings-Class 125 and 250, Book No. J00010, L-$7.00, M-$5.60
B16.18-1978 Cast Bronze Solder-Joint Pressure Fittings, Book No. J00015, L-$9.00, M-$7.20
B16.20-1973 Ring-Joint Gaskets and Grooves for Steel Pipe Flanges, Book No. L00030, L-$4.50, M-$3.60
B16.21-1978 Nonmetallic Flat Gaskets for Pipe Flanges, Book No. L00015, L-$5.00, M-$4.00
B16.22-1973 Wrought Copper and Bronze Solder-Joint Pressure Fittings, Book No. M00030, L-$3.50, M-$2.80
B16.23-1976 Cast Copper Alloy Solder Joint Drainage Fittings - DWV, Book No. J00014, L-$15.00, M-$12.00
B16.24-1979 Bronze Pipe Flanges and Flanged Fittings, Class 150 and 300, Book No. J00009, L-$5.50, M-$4.40
B16.25-1979 Buttwelding Ends, Book No. J00013, L-$5.00, M-$4.00
B16.26-1975 Cast Copper Alloy Fittings for Flared Copper Tubes, Book No. J00008, L-$3.00, M-$2.40
B16.28-1978 Wrought Steel Buttwelding Short Radius Elbows and Returns, Book No. M00053, L-$4.50, M-$3.60
B16.29-1973 Wrought Copper and Wrought Copper Alloy Solder-Joint Drainage Fittings, Book No. N00057, L-$4.00, M-$3.20
B16.31-1971 Non-Ferrous Pipe Flanges, 150, 300, 400, 600, 900, 1500 and 2500 lb., Book No. J00042, L-$4.00, M-$3.20
B16.32-1979 Cast Copper Alloy Solder Joint Fittings for Sovent Drainage Systems, Book No. J00044, L-$4.50, M-$3.60
B16.33-1973 Small Manually Operated Metallic Gas Valves in Gas Distribution Systems Whose Maximum Allowable Operating Pressure Does Not Exceed 60 PSIG or 125 PSIG, Book No. J00006, L-$4.00, M-$3.20
B16.34-1977 Steel Valves (Flanged and Buttwelding End), Book No. J00018, L-$15.00, M-$12.00
B16.36-1975 Steel Orifice Flanges, Class 300, 400, 600, 900, 1500 and 2500, (Including 1979 Addenda-Class 400), L-$5.00, M-$4.00
B16.36a-1979 Addenda to B16.36-1975 Steel Orifice Flanges, Book No. J0046A, L-$2.00, M-$1.60
B.16.38-1978 Large Manually Operated Metallic Gas Valves in Gas Distribution Systems Whose Maximum Allowable Operating Pressure Does Not Exceed 125 psig (8.6 bar, gage), Book No. J00055, L-$3.50, M-$2.80
B16.39-1977 Malleable Iron Threaded Pipe Unions, Class 150, 250 and 300, Book No. L00049, L-$4.00, M-$3.20
B16.40-1977 Manually Operated Thermoplastic Gas Shut-Offs and Valves in Gas Distribution Systems, Book No. J00054, L-$3.00, M-$2.40

Fasteners & Keys

B17.1-1967 (R1973) Keys and Keyseats, Book No. J00038, L-$2.75, M-$2.20
B17.2-1967 (R1978) Woodruff Keys and Keyseats, Book No. J00037, L-$2.75, M-$2.20
B18.1.1-1972 (R1977) Small Solid Rivets, Book No. M00006, L-$3.50, M-$2.80
B18.1.2-1972 (R1977) Large Rivets, Book No. K00023, L-$2.75, M-$2.20
B18.2.1-1972 Square and Hex Bolts and Screws, Book No. M00014, L-$4.50, M-$3.60
B18.2.2-1972 Square and Hex Nuts, Book No. M00043, L-$4.50, M-$3.60
B18.2.3.1M-1979 Metric Hex Cap Screws, Book No. M00100, L-$5.00, M-$4.00
B18.2.3.2M-1979 Metric Formed Hex Screws, Book No. M00101, L-$5.00, M-$4.00
B18.2.3.3M-1979 Metric Heavy Hex Screws, Book No. M00102, L-$5.00, M-$4.00
B18.2.3.4M-1979 Metric Hex Flange Screws, Book No. M00103, L-$5.00, M-$4.00
B18.2.3.5M-1979 Metric Hex Bolts, Book No. M00104, L-$4.50, M-$3.60
B18.2.3.6M-1979 Metric Heavy Hex Bolts, Book No. M00105, L-$4.50, M-$3.60
B18.2.3.7M-1979 Metric Heavy Hex Structural Bolts, Book No. M00106, L-$5.00, M-$4.00
B18.2.3.8M-1979 Metric Hex Lag Screws, Book No. M00107, L-$4.50, M-$3.60
B18.3-1977 Socket Cap, Shoulder and Set Screws–Inch Series, Book No. M00007, L-$6.00, M-$4.80
B18.3.1-1978 Socket Head Cap Screws (Metric Series), Book No. M00094, L-$6.00, M-$4.80
B8.3.2M-1979 Metric Series Hexagon Keys and Bits, Book No. M00108, L-$4.00, M-$3.20
B18.3.3M-1979 Hexagon Socket Head Shoulder Screws: Metric Series, Book No. M00109, L-$5.00, M-$4.00
B18.3.4M-1979 Hexagon Socket Button Head Cap Screws: Metric Series, Book No. M00110, L-$5.00, M-$4.00
B18.3.6M-1979 Metric Series Hexagon Socket Set Screws, Book No. M00111, L-$5.00, M-$4.00
B18.5-1978 Round Head Bolts (Inch Series), Book No. L00032, L-$4.00, M-$3.20
B18.6.1-1972 (R1977) Wood Screws, Book No. M00005, L-$4.00, M-$3.20
B18.6.2-1972 (R1977) Slotted Head Cap Screws, Square Head Set Screws and Slotted Headless Set Screws, Book No. K00012, L-$4.00, M-$3.20
B18.6.3-1972 (R1977) Machine Screws and Machine Screw Nuts, Book No. M00004, L-$9.50, M-$7.60
B18.6.4-1966 (R1975) Slotted and Recessed Head Tapping Screws and Metallic Drive Screws, Book No. N00021, L-$6.00, M-$4.80
B18.7-1972 General Purpose Semi-Tubular Rivets, Full Tubular Rivets, Split Rivets and Rivet Caps, Book No. N00059, L-$3.50, M-$2.80
B18.8.1-1972 (R1977) Clevis Pins and Cotter Pins, Book No. L00024, L-$2.75, M-$2.20
B18.8.2-1978 Taper Pins, Dowel Pins, Straight Pins, Grooved Pins and Spring Pins (Inch Series), Book No. L00056, L-$7.00, M-$5.60
B18.9-1958 (R1977) Plow Bolts, Book No. L00021, L-$2.75, M-$2.20
B18.10-1963 (R1975) Track Bolts and Nuts, Book No. M00025, L-$2.75, M-$2.20
B18.11-1961 (R1975) Miniature Screws, Books No. K00037, L-$2.75, M-$2.20
B18.12-1962 (R1975) Glossary of Terms for Mechanical Fasteners, Book No. M00046, L-$6.50, M-$5.20
B18.13-1965 (R1975) Screw and Washer Assemblies–Sems, Book No. N00043, L-$3.50, M-$2.80
B18.15-1969 Forged Eyebolts, Book No. M00037, L-$3.50, M-$2.80
B18.17-1968 (R1975) Wing Nuts, Thumb Screws and Wing Screws, Book No. J00005, L-$3.50, M-$2.80
B18.21.1-1972 Lock Washers, Book No. L00002, L-$3.50, M-$2.80
B18.22.1-1965 (R1975) Plain Washers (Redesignation of B27.2-1965), Book No. L00019, L-$2.75, M-$2.20
B18.23.1-1967 (R1975) Beveled Washers (Redesignation of B27.4-1967), Book No. L00006, L-$2.25, M-$1.80

Transmission Chains, Washers, Conveyors & Compressors

B19.3-1972 Safety Standard for Compressors for Process Industries, Book No. B00003, L-$3.50, M-$2.80
B20.1-1976 Safety Standards for Conveyors and Related Equipment, Book No. B00005, L-$4.00, M-$3.20
B27.6-1972 (R1977) General Purpose Uniform Cross Section Spiral Retaining Rings, Book No. L00037, L-$5.00, M-$4.00
B.27.7-1977 General Purpose Tapered and Reduced Cross Section Retaining Pins (Metric), Book No. L00053, L-$4.00, M-$3.20
B27.8M-1978 General Purpose Metric Tapered and Reduced Cross Section Retaining Rings-Type 3DMI-Heavy Duty External Rings, Type 3EMI–Reinforced Type "E" Rings, Type 3FMI–"C" Type Rings, Book No. L00060, L-$4.00, M-$3.20

B29.1-1975 Precision Power Transmission Roller Chains Attachments and Sprockets, Book No. M00050, L-$7.50, M-$6.00
B29.2-1957 (R1971) Inverted Tooth (Silent) Chains and Sprocket Teeth, Book No. M00002, L-$3.50, M-$2.80
B.29.3-1977 Double-Pitch Power Transmission Roller Chains and Sprockets, Book No. K00075, L-$4.50, M-$3.60
B29.4-1972 Double-Pitch Conveyor Roller Chains, Attachments, and Sprockets, Book No. M00072, L-$4.25, M-$3.40
B29.6-1972 Steel Detachable Link Chains, Attachments and Sprockets, Book No. M00066, L-$5.50, M-$4.40
B29.7-1971 Malleable Iron Detachable Link Chain and Attachments, Book No. M00018, L-$4.50, M-$3.60
B29.8-1977 Leaf Chain, Clevises and Sheaves, Book No. M00003, L-$5.00, M-$4.00
B29.9-1958 (R1974) Small Pitch Silent Chains and Sprocket Tooth Form Less Than ⅜" Pitch, Book No. K00077, L-$2.75, M-$2.20
B29.10-1972 Heavy Duty Offset Sidebar Power Transmission Roller Chains and Sprocket Teeth, Book No. M00078, L-$5.00, M-$4.00
B29.11-1974 Combination Chains, Attachments and Sprocket Teeth, Book No. K00081, L-$5.50, M-$4.40
B29.12-1974 Steel Bushed Rollerless Chains, Attachments and Sprocket Teeth, Book No. K00030, L-$3.50, M-$2.80
B29.13-1972 700 Class Pintle Chains, Attachments and Sprocket Teeth, Book No. M00064, L-$3.50, M-$2.80
B29.14-1978 "H" Type Mill Chains–Attachments and Sprocket Teeth, Book No. M00062, L-$5.00, M-$4.00
B29.15-1973 Heavy Duty Roller Type Conveyor Chains and Sprocket Teeth, Book No. M00079, L-$3.50, M-$2.80
B29.16-1974 Welded Steel Type Mill Chains, Attachments, and Sprocket Teeth, Book No. K00079, L-$4.50, M-$3.60
B29.17-1974 Hinge Type Flat Top Conveyor Chains and Sprocket Teeth, Book No. K00078, L-$3.50, M.-$2.80
B29.18-1974 Welded Steel-Type Drag Chains, Attachments, and Sprocket Teeth, Book No. K00080, L-$3.50, M-$2.80
B29.29-1978 A and CA550 and 620 Roller Chains, Attachments, and Sprockets, Book No. K00085, L-$4.50, M-$3.60

Cranes, Derricks, Hoists, Jacks & Slings

B30.1-1975 Jacks, Book No. B00007, L-$4.00, M-$3.20
B30.2.0-1976 Overhead and Gantry Cranes (Top Running Bridge, Multiple Girder), Book No. B00011, L-$6.00, M-$4.80
B30.3-1975 Hammerhead Tower Cranes, Book No. J00033, L-$4.50, M-$3.60
B30.4-1973 Portal, Tower and Pillar Cranes, Book No. J00001, L-$4.50, M-$3.60
B30.5-1968 Crawler, Locomotive and Truck Cranes, Book No. B00012, L-$4.00, M-$3.20
B30.6-1977 Derricks, Book No. B00013, L-$4.50, M-$3.60
B30.7-1977 Base Mounted Drum Hoists, Book No. B00002, L-$4.50, M-$3.60
B30.8-1971 Floating Cranes and Floating Derricks, Book No. J00023, L-$4.50, M-$3.60
B30.9-1971 Slings, Book No. B00010, L-$5.00, M-$4.00
B30.10-1975 Hooks, Book No. J00048, L-$4.00, M-$3.20
B30.11-1973 Monorail Systems and Underhung Cranes, Book No. B00015, L-$4.00, M-$3.20
B30.12-1975 Handling Loads Suspended from Rotorcraft, Book No. J00047, L-$5.50, M-$4.40
B30.13-1977 Controlled Mechanical Storage Cranes, Book No. J00052, L-$6.00, M-$4.80
B.30.14-1979 Side Boom Tractors, Book No. J00059, L-$5.50, M-$4.40
B30.15-1973 Mobile Hydraulic Cranes, Book No. B00017, L-$5.50, M-$4.40
B30.16-1973 Overhead Hoists, Book No. B00001, L-$4.50, M-$3.60

Piping

B31 Interpretations: Code for Pressure Piping, All current cases, Book No. M00033, L-$13.00, M-$10.40. Three Year Subscription Service, L-$18.00, M-$14.40
Sets forth the conditions under which new materials may be used, the Committee's interpretations of code rules as they apply to specific construction problems of code users, and special provisions to cover conditions encountered in nuclear installations. Individual Cases (Book No. M00034) are available at $1.50, ASME members $1.20. Please specify individual Case number.
B31 Guide, Corrosion Control for ANSI B31.1 Power Piping Systems, Book No. A00089, L-$2.00, M-$1.60
B31.1-1977 Power Piping (with Addenda up to the 1980 edition), Book No. A00058, L-$50.00, M-$40.00
B31.2-1968 Fuel Gas Piping, Book No. A00036, L-$5.00, M-$4.00
B31.3-1976 Chemical Plant and Petroleum Refinery Piping (with Addenda up to the 1980 Edition), Book No. A00037, L-$50.00, M-$40.00
B31.4-1974 Liquid Petroleum Transportation Piping Systems (Including Addenda), Book No. A00038, L-$10.00, M-$8.00
B31.4a 1978 Referenced/Standards Addenda to B31.4-1974, Liquid Petroleum Transportation Piping Systems, Book No. A00039, L-$1.25, M-$1.00
B31.5-1974 Refrigeration Piping, (Including Addenda) Book No. A00040, L-$10.50, M-$8.40
B31.5-1978 Addenda to Refrigeration Piping, Book No. A0040A L-$2.00, M-$1.60
B31.8-1975 Gas Transmission and Distribution Piping Systems, Book No. A00045, L-$15.00, M-$12.00
ASME Guide for Gas Transmission and Distribution Piping Systems–1980. Including all Addenda through December 1982. Available March, 1980. Book No. A03080, L-$125.00, M-$100.00
Binder for Gas Guide, Book No. A00028, L-$7.50, M-$6.00

Surface Texture, Pipe, Gages, and Industrial Trucks

B32.1-1952 (R1977) Preferred Thickness for Uncoated, Thin, Flat Metals (Under 0.250 in.), Book No. L00025, L-$2.25, M-$1.80
B32.2-1969 (R1979) Preferred Diameters for Round Wire–0.500 inches and under, Book No. M00012, L-$2.25, M-$1.80
B.32.3a-1978 Supplement to ANSI B32.3-1977, Preferred Metric Sizes for Flat Metal Products 1978, Book No. L0045A, L-$1.00, M-$.80
B32.3-1977 Preferred Metric Sizes for Flat Metal Products, (Including B32.3a-1978) Book No. L00045, L-$3.00, M-$2.40
B32.4-1977 Preferred Metric Sizes for Round, Square and Hexagon Metal Products, Book No. L00046, L-$2.50, M-$2.00
B32.5-1977 Preferred Metric Sizes for Tubular Metal Products Other Than Pipe, Book No. L00051, L-$2.50, M-$2.00
B32.6-1977 Preferred Metric Equivalents of Inch Sizes for Tubular Metal Products Other Than Pipe, Book No. L00052, L-$2.50, M-$2.00
B36.10-1979 Welded and Seamless Wrought Steel Pipe, Book No. M00031, L-$5.50, M-$4.40
B36.19-1976 Stainless Steel Pipe, Book No. M00013, L-$3.50, M-$2.80
B40.1-1974 Gauges: Pressure and Vacuum, Indicating Dial Type–Elastic Element, Book No. K00015, L-$5.00, M-$4.00
B40.1M-1979 Gauges-Pressure Indicating Dial Type-Elastic Element Metric, Book No. K00097, L-$5.00, M-$4.00
B40.2-1977 Gauges and Indicators: Pressure and Vacuum–Indicating Digital Type, Book No. K00088, L-$7.00, M-$5.60
B46.1-1978 Surface Texture (Surface Roughness, Waviness and Lay) (Includes ANSI Y14.36-1978), Book No. M00019, L-$10.00, M-$8.00
B47.1-1974 Gage Blanks, Book No. M00082, L-$20.00, M-$16.00
B47.1A-1978 Gage Blanks-(Metric Translation of ANSI B47.1-1974) Book No. M00098, L-$5.00, M-$4.00
B56.1-1975 Low Lift and High Lift Trucks, Book No. B00006, L-$6.50, M-$5.20
B56.5-1978 Electric Guided Industrial Tow Tractors Book No. J00057, L-$4.50, M-$3.60
B56.6-1978 Rough Terrain Fork Lift Trucks, Book No. J00056, L-$5.50, M-$4.40
B73.1-1977 Specifications for Horizontal, End Suction Centrifugal Pumps for Chemical Process, Book No. J00019, L-$4.50, M-$3.60
B73.2-1975 Specifications for Vertical In-Line Centrifugal Pumps for Chemical Process, Book No. J00049, L-$4.50, M-$3.60
B88.2-1974 Procedure for Bench Calibration of Tank Level Gaging Tapes and Sounding Rules, Book No. L00043, L-$2.75, M-$2.20
B89.1.6-1976 Measurement of Qualified Plain Internal Diameters for Use as Master Rings and Ring Gages, Book No. L00048, L-$6.00, M-$4.80
B89.1.9-1973 Precision Inch Gage Blocks for Length Measurement (Thru 20 inches), Book No. L00044, L-$5.00, M-$4.00
B89.1.10-1978 Dial Indicators (For Linear Measurement), Book No. L00057, L-$4.00, M-$3.20
B89.3.1-1972 Measurement of Out-of-Roundness, Book No. L00020, L-$4.00, M-$3.20
B89.6.2-1973 Temperature and Humidity Environment for Dimensional Measurement, Book No. L00047, L-$6.50, M-$5.20

Cutting Tools, Holders, Drivers, Bushings and Punches

B94.1-1977 Blanks and Semi-Finished Blanks for Solid Carbide Taps, Book No. M00055, L-$5.00, M-$4.00
B94.2-1977 Reamers, Book No. L00028, L-$9.00, M-$7.20
B94.3-1965 (R1972) Straight Cut-Off Blades for Lathes and Screw Machines, Book No. M00056, L-$2.25, M-$1.80
B94.4-1976 Identification System for Indexable Inserts for Cutting Tools, Book No. M00057, L-$3.50, M-$2.80
B94.5-1974 Carbide Blanks and Single-Point Brazed Tools, Book No. N00018, L-$4.00, M-$3.20
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B94.9-1971 Taps–Cut and Ground Threads, Book No. K00043, L-$6.75, M-$5.40
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B94.14-1968 (R1975) Punches–Basic Head Type, Book No. K00052, L-$2.75, M-$2.20
B94.14.1-1977 Punches–Basic Head Type (Metric), Book No. M00092, L-$5.00, M-$4.00
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B94.16.1-1978 Retainers–Basic Ball-Lock Punch and Die Button, Light and Heavy Duty (Metric), Book No. M00095, L-$4.50, M-$3.60
B94.17-1968 (R1975) Gages–Functional, Ball-Lock Punches, Die Buttons and Retainers, Book No. K00057, L-$2.75, M-$2.20
B94.17.1-1977 Gages–Functional, Ball-Lock Punches, Die Buttons and Retainers (Metric), Book No. M00093, L-$3.00, M-$2.40
B94.18-1968 (R1975) Punches–Basic Ball-Lock Light and Heavy Duty, Book No. K00055, L-$3.50, M-$2.80
B94.18.1-1977 Punches–Basic Ball-Lock Light and Heavy Duty (Metric), Book No. M00087, L-$8.00, M-$6.40
B94.19-1977 Milling Cutters and End Mills, Book No. L00008, L-$12.00, M-$9.60
B94.20-1977 Specifications for Carbide Blanks for Twist Drills, Reamers, End Mills, and Random Rod, Book No. K00056, L-$7.00, M-$5.60
B94.21-1968 (R1974) Gear Shaper Cutters, Book No. J00007, L-$4.50, M-$3.60
B94.22-1968 (R1975) Punches–Variable, Head Type, Book No. L00041, L-$4.25, M-$3.40
B94.22.1-1977 Punches–Variable, Head Type Metric, Book No. L00050, L-$7.50, M-$6.00
B94.23-1969 (R1975) Punch Guide Bushings–Variable, Press Fit, Book No. L00040, L-$3.25, M-$2.60
B94.24-1976 Heavy Duty Carbide Inserts for Cutting Tools, Book No. L00034, L-$3.50, M-$2.80
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B94.26-1969 (R1977) Indexable (Throw-away) Inserts Holders, Book No. L00039, L-$4.75, M-$3.80
B94.27-1970 (R1976) Die Buttons–Basic Taper Relief, Press Fit, Book No. M00041, L-$3.75, M-$3.00
B94.28-1970 (R1976) Die Buttons–Basic Straight Relief, Press Fit, Book No. M00045, L-$3.75, M-$3.00
B94.29-1970 (R1976) Die Buttons–Basic Ball Lock, Book No. M00059, L-$3.75, M-$3.00
B94.29.1-1977 Die Buttons–Basic Ball-Lock (Metric), Book No. M00088, L-$5.00, M-$4.00
B94.30-1979 (R1976) Die-Buttons–Variable, Press Fit, Book No. M00060, L-$3.75, M-$3.00
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Section I Power Boilers, Book No. R00010, L-$45.00, M-$36.00; Book No. W00010, L-$65.00, M-$52.00
Section II Material Specifications
- Part A—Ferrous Materials, Book No. R0002A, L-$95.00, M-$76.00, Book No. W0002A, L-$140.00, M-$112.00
- Part B—Nonferrous Materials, Book No. R0002B, L-$95.00, M-$76.00, Book No. W0002B, L-$140.00, M-$112.00
- Part C—Welding Rods, Electrodes and Filler Metals, Book No. R0002C, L-$35.00, M-$28.00, Book No. W0002C, L-$50.00, M-$40.00

Section III Division 1 and 2
- Subsection NCA-Nuclear Power Plant Components: General Requirements, Book No. R0003R, L-$45.00, M-$36.00, Book No. W0003R, L-$70.00, M-$56.00

Section III Division 1
- Subsection NB-Class 1 Components, Book No. R0003B, L-$60.00, M-$48.00, Book No. W0003B, L-$90.00, M-$72.00
- Subsection NC-Class 2 Components, Book No. R0003C, L-$60.00, M-$48.00, Book No. W0003C, L-$90.00, M-$72.00
- Subsection ND-Class 3 Components, Book No. R0003D, L-$60.00, M-$48.00, Book No. W0003D, L-$90.00, M-$72.00
- Subsection NE-Class MC Components, Book No. R0003E, L-$50.00, M-$48.00, Book No. W0003E, L-$90.00, M-$72.00
- Subsection NF-Component Supports, Book No. R0003F, L-$35.00, M-$28.00, Book No. W0003F, L-$45.00, M-$36.00
- Subsection NG-Core Support Structures, Book No. R0003G, L-$45.00, M-$36.00, Book No. W0003G, L-$75.00, M-$60.00
- Appendices, Book No. R0003A, L-$75.00, M-$60.00, Book No. W0003A, L-$100.00, M-$80.00

Section III Division 2—Code for Concrete Reactor Vessels and Containments, Book No. R00032, L-$80.00, M-$64.00, Book No. W00032, L-$110.00, M-$88.00
Section IV Heating Boilers, Book No. R00040, L-$55.00, M-$44.00, Book No. W00040, L-$80.00, M-$64.00
Section V Nondestructive Examination, Book No. R00050, L-$60.00, M-$48.00, Book No. W00050, L-$85.00, M-$68.00
Section VI Recommended Rules for Care and Operation of Heating Boilers, Book No. R00060, L-$25.00, M-$20.00, Book No. W00060, L-$30.00, M-$24.00
Section VII Recommended Rules for Care of Power Boilers, Book No. R00070, L-$25.00, M-$20.00, Book No. W00070, L-$30.00, M-$24.00
Section VIII Pressure Vessels
- Division 1, Book No. R00081, L-$85.00, M-$68.00, Book No. W00081, L-$125.00, M-$100.00
- Division 2-Alternative Rules, Book No. R00082, L-$85.00, M-$68.00, Book No. W00082, L-$125.00, M-$100.00

Section IX Welding and Brazing Qualifications, Book No. R00090, L-$45.00, M-$36.00, Book No. W00090, L-$65.00, M-$52.00
Section X Fiberglass-Reinforced Piastic Pressure Vessels, Book No. R00100, L-$40.00, M-$32.00, Book No. W00100, L-$60.00, M-$48.00
Section XI Rules for Inservice Inspection of Nuclear Power Plant Components:
- Division 1, Book No. R00111, L-$60.00, M-$48.00, Book No. W00111, L-$90.00, M-$72.00

Code Case Books (Loose-Leaf Edition Only)
- Nuclear Components, Book No. W0012N, L-$100.00, M-$80.00
- Boilers and Pressure Vessels, Book No. W00120, L-$70.00, M-$56.00

Complete Code (Special offer for all of the above), Book No. R00230, L-$1,300.00, M-$1,040.00, Book No. W00230, L-$1, 850.00, M-$1,480.00
Binder for Loose-Leaf Edition (2-inch capacity), Book No. W00140, L-$14.00, M-$11.20

Data Report Forms

Data Report Forms, samples of which are shown in the various Sections of the ASME Boiler and Pressure Vessel Code, may be obtained from the ASME Order Department in pads of 100 sheets each at a cost of $6.00 per pad. Please order by Book Number which follows each title. No member discount.

A1 Manufactures' Data Report for Pressure Vessels **(E00112)**
A-2 Manufacturers' Partial Data Report (A Part of a Pressure Vessel Fabricated by One Manufacturer for Another Manufacturer) **(E00114)**
A-3 Manufacturers' Data Report Supplementary Sheet **(E00119)**
C-1 Constructors' Data Report for Concrete Reactor Vessels and Containments **(E00077)**
C-2 Fabricators' Data Report for Parts of Concrete Reactor Vessels and Containments **(E00081)**
H-2 Manufacturers' Data Report for All Types of Boilers Except Water-tube and Those Made of Cast Iron **(E00101)**
H-3 Manufacturers' Data Report for Watertube Boilers **(E00102)**
H-4 Manufacturers' Partial Data Report **(E00103)**
H-5 Manufacturers' Master Data Report for Boilers Constructed from Cast Iron **(E00041)**
HLW-6 Manufacturers' Report for Lined Water Heaters **(E00105)**
HLW-7 Manufacturers' Partial Data Report for Lined Water Heaters **(E00106)**
HLW-8 Manufacturers' Master Data Proof Test Report for Lined Water Heaters **(E00107)**
N-1 N Certificate Holders' Data Report for Nuclear Vessels **(E00038)**
N-1A N Certificate Holders' Data Report for Nuclear Vessels (Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only) **(E00039)**
N-2 NPT Certificate Holders' Data Report for Nuclear Part and Appurtenances **(E00040)**
N-3 Owners' Data Report for Nuclear Power Plant Components **(E00024)**
N-5 Data Report for Field Installation or Shop Assembly of Nuclear Power Plant Components, Component Supports, and Appurtenances **(E00025)**
N-6 Manufacturers' Data Report for Storage Tanks **(E00054)**
N-7 Manufacturers' Data Report for Storage Tank Parts and Appurtenances **(E00055)**
NCS-1 N Certificate Holders' Data Report for Core Support Structures **(E00065)**
NCS-2 NPT Certificate Holders' Data Report for Core Support Structures and Related Parts or Appurtenances Designed by Others **(E00067)**
NF-1 NPT Certificate Holders' Data Report for Component Supports **(E00075)**
NF-2 NPT Certificate Holders' Partial Data Report for Parts for Component Support **(E00076)**
NIS-1 Owners' Data Report for Inservice Inspections **(E00029)**
NM-1 Data Report for Tubular Products and Fittings Welded with Filler Metal **(E00080)**
NPP-1 Data Report for Fabricated Nuclear Piping Subassemblies **(E00062)**
NPV-1 N Certificate Holders' for Nuclear Pumps or Valves **(E00037)**
NR-1 NPT Certificate Holders' of Rupture Discs **(E00026)**
NV-1 N Certificate Holders' for Safety and Safety Relief Valves **(E00042)**
P-2 Manufacturers' Data Report for All Types of Boilers Except Watertube and Electric **(E00068)**

P-2A Manufacturers' Data Report for All Types Electric Boilers **(E00120)**
P-3 Manufacturers' Data Report for Watertube Boilers, Superheaters, Waterwalls, and Economizers **(E00069)**
P-3A Engineering - Contractor Data Report for a Complete Boiler Unit **(E00070)**
P-4 Manufacturers' Partial Data Report **(E00071)**
P-4A Manufacturers' Data Report for Fabricated Piping **(E00072)**
P-5 Summary Data Report for Process Steam Generators **(E00073)**
P-6 Manufacturers' Data Report Supplementary Sheet **(E00074)**
QB-482 Brazing Procedure Specification **(E00031)**
QB-483 Procedure Qualification Record (PQR) **(E00032)**
QB-484 Manufacturers' Record of Brazer or Brazing Operator Qualification Tests **(E00033)**
QW-482 Suggested Format For Welding Procedure Specification (WPS) **(E00006)**
QW-483 Suggested Format For Procedure Qualification Record (PQR) **(E00007)**
QW-484 Suggested Format For Manufacturers' Record of Welder or Welding Operator Qualification Tests **(E00008)**
RP-1 Manufacturers' Data Report for Fiberglass-Reinforced Plastic Pressure Vessels **(E00115)**
RP-2 Manufacturers' Partial Data Report (A Part of a Fiberglass-Reinforced Plastic Pressure Vessel Fabricated by One Manufacturer for Another Manufacturer) **(E00116)**
U-1 Manufacturers' Data Report for Pressure Vessels **(E00118)**
U-1A Manufacturers' Data Report for Pressure Vessels (Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only) **(E000117)**
U-2 Manufacturers' Partial Data Report (A Part of a Pressure Vessel Fabricated by One Manufacturer for Another) **(E00110)**
U-3 Manufacturers' Certificate of Compliance Covering Pressure Vessels to be Stamped with the UM-Symbol **(E00111)**
U-4 Manufacturers' Data Report Supplementary Sheet **(E00118)**

Books of Interest to Boiler and Pressure Vessel Code Users

Companies Holding Boiler and Pressure Vessel Certificates of Authorization for Use of Code Symbol Stamps—1979 Edition (With Winter 1979 Supplement), Book No. E00052, L-$35.00, M-$28.00
Companies Holding Nuclear Certificates of Authorization (One Year Subscription-Issued bimonthly), Book No. E00061, L-$45.00, M-$36.00
Criteria for Design of Elevated Temperature Class 1 Components in Section III, Division 1, of the ASME Boiler and Pressure Vessel Code, 1976, Book No. E00097, L-$20.00, M-$16.00
Criteria of the ASME Boiler & Pressure Vessel Code for Design by Analysis Sections III & VII, Div. 2, 1969, Book No. 100059, L-$1.50, M-$1.20
History of the ASME Boiler Code, 1955, Book No. G00028, L-$10.00, M-$8.00
Interpretations of the ASME Boiler and Pressure Code, Book No. E00098, 3 Year Subscription (6 issues) L-$75.00, M-$60.00, Back Copies Available L-$20.00, M-$16.00
Proposed Section XI—Division 2, Rules for Inspection and Testing of Components of Gas-Cooled Plants with Supplement I, Book No. E00122, L-$32.00, M-$25.60
Supplement I to Proposed Section XI, Division 2, Book No. E12201, L-$4.00, M-$3.20
Proposed Section XI—Division 3, Rules for Inspection and Testing of Components of Liquid Metal Cooled Plants, Book No. E00123, L-$15.00, M-$12.00
Proposed Standard for Acoustic Emission Examinations During Application of Pressure, 1975, Book No. E00096, L-$2.50, M-$2.00
Sample Analysis of a Piping System: Class 1 Nuclear, 1972, Book No. E00063, L-$4.50, M-$3.60

ASME CODES

Performance Test Codes

Test methods prescribed in the PTC's enable users to obtain accurate information on adaptability of equipment, best methods of operation, capacity and efficiency, and verification of manufacturer's guarantees. Each one contains a check list of items on which agreement should be reached before starting tests, specifies the instruments and testing apparatus needed, lists precautions, gives instructions for computing and tabulating results and shows how to correct results for deviations from specified test conditions.

The Performance Test Codes Committee is following a policy of submitting the PTC Documents to ANSI for approval as American National Standards. The documents that have been approved bear the ANSI/ASME designation. This PTC/ANSI relationship will reduce duplication of effort and promote the consensus standards concept.

ANSI	ASME	
PTC 1-1974	PTC 1-1970	General Instructions (With 1971 Addenda), Book No. C00017, L-$5.00, M-$4.00
PTC 2-1974	PTC 2-1971	Code on Definitions and Values, Book No. C00007, L-$5.50, M-$4.40
PTC 3.1-1974	PTC 3.1-1958	(R 1979) Diesel and Burner Fuels, Book No. D00024, L-$10.00, M-$8.00
PTC 3.2-1974	PTC 3.2-1954	(R 1979) Solid Fuels, Book No. C00023, L-$5.50, M-$4.40
PTC 3.3-1974	PTC 3.3-1969	Gaseous Fuels, Book No. D00038, L-$9.00, M-$7.20
PTC 4.1-1974	PTC 4.1-1964	(R 1973) Steam-Generating Units (With 1968 and 1969 Addenda), Book No. C00025, L-$10.00, M-$8.00
		Diagram for Testing of a Steam Generator, Figure 1 (Pad of 100), Book No. C00038, L-$6.00, M-$6.00
		Heat Balance of a Steam Generator, Figure 2 (Pad of 100), Book No. C00039, L-$6.00, M-$6.00
	PTC 4.1a-1964	ASME Test Form for Abbreviated Efficiency Test—Summary Sheet (Pad of 100), Book No. C00036, L-$6.00, M-$6.00
	PTC 4.1b-1964	(R 1965) ASME Test Form for Abbreviated Efficiency Test—Calculation Sheet (Pad of 100), Book No. C00037, L-$6.00, M-$6.00
PTC 4.2-1974	PTC 4.2-1969	Coal Pulverizers, Book No. C00006, L-$4.50, M-$3.60
PTC 4.3-1974	PTC 4.3-1968	(R1979) Air Heaters, Book No. D00034, L-$7.00, M-$5.60
	PTC 5-1949	Reciprocating Steam Engines, Book No. C00022, L-$2.75, M-$2.20
PTC 6-1976	PTC 6-1976	Steam Turbines, Book No. C00028, L-$15.00, M-$12.00
Appendix to ANSI PTC 6-1974	PTC 6A-1964	(R 1973) Appendix A to Test Code for Steam Turbines (With 1968 Addenda), Book No. C00029, L-$6.50, M-$5.20
PTC 6 Report-1974	PTC 6 Report-1969	(R 1979) Guidance for Evaluation of Measurement Uncertainty in Performance Tests of Steam Turbines, Book No. D00041, L-$5.00, M-$4.00
PTC 6S Report-1974	PTC 6S Report-1970	(R 1979) Simplified Procedures for Routine Performance Tests of Steam Turbines, Book No. D00042, L-$11.00, M-$8.80
	PTC 7-1949	(R 1969) Reciprocating Steam-Driven Displacement Pumps, Book No. C00021, L-$2.50, M-$2.00
	PTC 7.1-1962	(R 1969) Displacement Pumps, Book No. D00026, L-$4.00, M-$3.20
	PTC 8.2-1965	Centrifugal Pumps (With 1973 Addenda), Book No. C00005, L-$5.00, M-$4.00
	1973 Addendum to PTC 8.2-1965	Centrifugal Pumps, Book No. C000-02, L-$1.25, M-$1.00
PTC 9-1974	PTC 9-1970	(R 1979) Displacement Compressors, Vacuum Pumps and Blowers (With 1972 Errata,) Book No. C00009, L-$8.00, M-$6.40
PTC 10-1974	PTC 10-1965	(R 1979) Compressors and Exhausters, Book No. C00004, L-$8.00, M-$6.40
PTC 12.1-1978	PTC 12.1-1978	Closed Feedwater Heaters, Book No. C00013, L-$7.50, M-$5.60
PTC 12.2-1975	PTC 12.2-1955	(R 1975) Steam Condensing Apparatus, Book No. C00026, L-$8.00, M-$6.40
PTC 12.3-1977	PTC 12.3-1977	Deaerators, Book No. D00023, L-$10.00, M-$8.00
PTC 14-1974	PTC 14-1970	Evaporating Apparatus, Book No. C00011, L-$5.00, M-$4.00
PTC 16-1974	PTC 16-1958	(R 1971) Gas Producers and Continuous Gas Generators, Book No. C00014, L-$5.50, M-$4.40
PTC 17-1974	PTC 17-1973	Reciprocating Internal-Combustion Engines, Book No. C00020, L-$7.50, M-$6.00
	PTC 18-1949	Hydraulic Prime Movers, Book No. C00018, L-$5.00, M-$4.00
PTC 18.1-1978	PTC 18.1-1978	Pumping Mode of Pump Turbines, Book No. C00044, L-$15.00, M-$12.00
PTC 20.1-1977	PTC 20.1-1977	Speed and Load-Governing Systems for Steam Turbine-Generator Units, Book No.jC00019, L-$12.00, M-$9.60
	PTC 20.2-1965	Overspeed Trip Systems for Steam Turbine-Generator Units, Book No. C00041, L-$5.00, M-$4.00
PTC 20.3-1974	PTC 20.3-1970	Pressure Control Systems Used on Steam Turbine Generator Units, Book No. C00027, L-$9.00, M-$7.20
	PTC 21-1941	Dust Separating Apparatus, Book No. D00021, L-$4.00, M-$3.20
PTC 22-1974	PTC 22-1966	(R 1979) Gas Turbine Power Plants Book No. C00015, L-$8.00, M-$6.40
	PTC 23-1958	Atmospheric Water Cooling Equipment, Book No. D00022, L-$6.00, M-$4.80
PTC 24-1976	PTC 24-1976	Ejectors, Book No. C00010, L-$7.50, M-$6.00
PTC 25.3-1976	PTC 25.3-1976	Safety and Relief Valves, Book No. D00031, L-$13.00, M-$10.40
		1977 Addendum to ANSI/ASME PTC 25.3-1976 Safety and Relief Valves, Book No. D00032, L-$1.00, M-$.80
	PTC 26-1962	Speed Governing Systems for Internal Combustion Engine-Generator Units, Book No. D00027, L-$4.00, M-$3.20
	PTC 27-1957	Determining Dust Concentration in a Gas Stream, Book No. C000-08, L-$50.00, M-$4.00

ANSI	ASME	
PTC 28-1974	PTC 28-1965	(R 1973) Determining the Properties of Fine Particulate Matter, Book No. D00030, L-$6.00, M-$4.80
	PTC 29-1965	Speed-Governing Systems for Hydraulic Turbine-Generator Units, Book No. C00040, L-$5.75, M-$4.60
PTC 31-1974	PTC 31-1973	Ion Exchange Equipment, Book No. C00016, L-$6.00, M-$4.80
PTC 32.1-1974	PTC 32.1-1969	Nuclear Steam Supply Systems, Book No. C00012, L-$6.50, M-$5.20
	New PTC 32.2 Report-1978	Methods of Measuring The Performance of Nuclear Reactor Fuel In Light Water Reactors, Book No. C00045, L-$6.00, M-$4.80
	New PTC 33-1978	Large Incinerators Book No. C00046, L-$20.00, M-$16.00

PTC Supplements on Instruments and Apparatus

	PTC 19.2-1964	Pressure Measurement, Book No. D00029, L-$9.00, M-$7.20
PTC 19.3-1974	PTC 19.3-1974	Temperature Measurement, Book No. C00035, L-$16.00, M-$12.80
	PTC 19.5-1972	Application, Part II of Fluid Meters: Interim Supplement on Instruments and Apparatus, Book No. G00018, L-$14.00, M-$11.20
	PTC 19.5.1-1964	Weighing Scales, Book No. D00028, L-$5.00, M-$4.00
	PTC 19.6-1955	Electrical Measurements in Power Circuits, Book No. D00007, L-$7.00, M-$5.60
	PTC 19.7-1961	Measurement of Shaft Horsepower, Book No. D00009, L-$5.00, M-$4.00
PTC 19.8-1974	PTC 19.8-1970	Measurement of Indicated Horsepower, Book No. D00008, L-$5.50, M-$4.40
PTC 19.10-1974	PTC 19.10-1968	Flue and Exhaust Gas Analyses, Book No. C00031, L-$5.50, M-$4.40
PTC 19.11-1974	PTC 19.11-1970	Water and Steam in the Power Cycle (Purity and Quality, Leak Detection and Measurement), Book No. D00011, L-$9.00, M-$7.20
	PTC 19.12-1958	Measurement of Time, Book No. D00012, L-$2.75, M-$2.20
	PTC 19.13-1961	Measurement of Rotary Speed, Book No. D00013, L-$5.00, M-$4.00
	PTC 19.14-1958	Linear Measurements, Book No. D00014, L-$3.50, M-$2.80
	PTC 19.16-1965	Density Determinations of Solids and Liquids, Book No. D00016, L-$3.75, M-$3.00
	PTC 19.17-1965	Determination of the Viscosity of Liquids, Book No. D00017, L-$4.00, M-$3.20
	(Not a PTC)	The Philosophy of Power Test Codes and Their Development, Book No. I00056, L-$2.50, M-$2.00
		Binders for Performance Test Codes—Blue Cloth, 8-½ X 11 with rods, Book No. C00003, L-$7.50, M-$6.00

ASME Standards
Turbine Lubrication, Gas Piping & Safety

No. 101 Operation and Flow Process Charts 1972, (Also an ANSI Standard—Y15.3-1974, see p. 20) Book No. L00017, L-$4.00, M-$3.20

No. 102 Form for Use in Self-Appraisal of Industrial Plants 1947, Book No. M00001, L-$2.75, M-$2.20

No.104 One-Piece Metallic Piston Rings 1954, Book No. L00016, L-$2.25, M-$1.80

No. 111 Recommended Practices for the Design of Marine Propulsion Turbine Lubricating Systems 1960, Book No. J00036, L-$2.25, M-$1.80

No. 112 Diaphragm Actuated Control Valve Terminology 1961, Book No. L00036, L-$2.25, M-$1.80

No.113 Recommended Practices for the Flushing and Cleaning of Marine Propulsion Turbine Lubricating Systems 1964, Book No. M00051, L-$2.25, M-$1.80

No. 114 Recommended Practices for the Purification of Marine Propulsion Turbine Lubricating Oil 1964, Book No. M00052, L-$2.25, M-$1.80

No. 115 Recommended Practices for the Design, Operation and Maintenance of Marine Auxiliary Machinery Lubricating Systems 1968 (Includes ASME Standards No. 115A (Design Section only) Recommended Practices for the Design of Steam Turbine Driven Generator Lubricating Systems; 115B Recommended Practices for the Design of Marine Steam Turbine Driven Boiler Feed Pumps Lubricating Systems; 115C Recommended Practices for the Design of Marine Steam Turbine Driven Blowers Lubricating Systems), Book No. K00046, L-$4.00, M-$3.20

No. 115D Recommended Practices or the Design of Lubricating Systems for Marine Steam Turbine Pumps for Various Ships Services 1969, Book No. K00059, L-$2.75, M-$2.20

No. 116 Recommended Practices for the Design of Steam Turbine Generator Oil Systems 1968, Book No. K00047, L-$2.75, M-$2.20

No. 117 Recommended Practices for the Cleaning of Steam Turbine Generator Oil Systems 1968, Book No. K00048, L-$2.75, M-$2.20

No. 118 Recommended Practices for the Purification of Steam Turbine Generator Oil 1968, Book No. K00049, L-$2.75, M-$2.20

No. 119 Recommended Practices for the Flushing and Cleaning of Marine Auxiliary Machinery Lubricating Systems 1968, Book No. K00050, L-$2.75, M-$2.20

No. 120 Recommended Practices for the Design of Gas Turbine Generator Lubricating Oil Systems 1969, Book No. K00058, L-$2.75, M-$2.20

No. 121 Recommended Practices for the Purification of Lubricating Oil in Marine Steam Turbine Driven Auxiliary Machinery 1969, Book No. K00060, L-$2.75, M-$2.20

CSD-1 ASME Safety Code-Controls and Safety Devices for Automatically Fired Boilers, Book No. A00091, L-$7.50, M-$6.00

LOS-2C1 ASTM-ASME Recommended Practices for the Flushing and Cleaning of Lubricating Systems of Various Turbine Driven Pumps for Marine Service, Book No. K00062, L-$3.50, M-$2.80

LOS-4C1 ASTM-ASME Recommended Practices for Flushing and Cleaning of Gas Turbine Generator Lubricating Oil Systems, Book No. K00063, L-$3.50, M-$2.80

LOS-5C1 ASTM-ASME Recommended Practices for the Flushing and Cleaning of Oil Systems for Lubrication and Control of Hydroelectric Equipment, Book No. K00065, L-$3.50, M-$2.80

LOS-5D1 ASTM-ASME Recommended Practices for the Design of Oil Systems for Lubrication and Control of Hydroelectric Equipment, Book No. K00068, L-$3.50, M-$2.80

LOS-5P1 ASTM-ASME Recommended Practice for the Purification of Oil Systems for Lubrication and Control of Hydroelectric Equipment, Book No. K00064, L-$3.50, M-$2.80

TWDPS-1 Part 1. Recommended Practices for the Prevention of Water Damage to Steam Turbines Used for Electric Power Generation: Part I—Fossil Fueled Plants 1972, Book No. K00066, L-$4.00, M-$3.20

TWDPS-1 Part 2. Recommended Practices for the Prevention of Water Damage to Steam Turbines Used for Electric Power Generation: Part II—Nuclear Fueled Plants 1973, Book No. K00072, L-$4.00, M-$3.20

Draft ASME Code for Pumps and Valves for Nuclear Power 1968 (With 1970 Addenda), Book No. N00047, L-$5.50, M-$4.40

Addenda only, Book No. N00050, L-$2.25, M-$1.80

ASME Guide for Gas Transmission and Distribution Piping Systems—1980 (Including all Addenda through December 1982), Book No. A00030, L-$10.00, M-$80.00

Binder for Gas Guide, Book No. A00028, L-$7.50, M-$6.00

BOOKS AND REPORTS

Aerospace

Annals of Reliability and Maintainability, Book No. H00025, L-$25.00, M-$12.50

Integrated Design and Analysis of Aerospace Structures, Book No. G00096, L-$12.00, M-$6.00

Measurement and Prediction of Structural and Biodynamic Crash-Impact Response, Book No. G00107, L-$20.00, M-$10.00

Modern Developments In Composite Materials and Structures, Book No. G00154, L-$40.00, M-$20.00

Proceedings of 1979 Annual Reliability and Maintainability Symposium, Book No. I00121, L-$18.00, M-$9.00

1968 Reliability and Maintainability Conference Proceedings - "Annuals of Assurance Sciences," Book No. I00053, L-$27.00, M-$13.50

Reliability and Maintainability (Reprinted From Mechanical Engineering), Book No. H00054, L-$2.00, M-$1.00

Space Systems and Thermal Technology for the 70's Aviation & Space Papers - Part I, Book No. I00073, L-$45.00, M-$22.50

Structural Dynamic Aspects of Bladed-Disk Assemblies, Book No. H00098, L-$14.00, M-$7.00

Air Pollution

Ambient Air Quality Standards - Here We Are, What Do We Do?, Book No. I00099, L-$30.00, M-$15.00

Cooling Tower Plume Modeling and Drift Measurement - A Review of the State-of-the-Art, Book No. H00088, L-$25.00, M-$12.50

Recommended Guide for the Prediction of the Dispersion of Airborne Effluents - Third Edition, Book No. H00037, L-$10.00, M-$5.00

Applied Mechanics

Applications of Holography in Mechanics, Book No. H00040, L-$7.50, M-$3.75

Applications of Numerical Methods to Forming Processes, - AMD Vol. 28, Book No. H00111, L-$30.00, M-$15.00

Applied Mechanics Aspects of Nuclear Effects in Materials, Book No. H00073, L-$20.00, M-$10.00

Boundary-Integral Equation Method: Computational Applications In Applied Mechanics, AMD. Vol.11, Book No. I00089, L-$14.00, M-$7.00

Computational Approaches In Applied Mechanics, Book No. I00067, L-$19.50, M-$9.75

Computational Techniques for Interface Problems, AMD Vol. 30, Book No. H00113, L-$24.00, M-$12.00

Computing In Applied Mechanics, AMD Vol. 18, Book No. I00108, L-$20.00, M-$10.00

Computing Methods In Geophysical Mechanics, AMD Vol. 25, Book No. I00113, L-$22.00, M-$11.00

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(BTR)	Briefing the Record
(C)	Letters & Comments
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(CC)	Convocation Communiqués
(CB)	Current Books
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(EN)	Educational News
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